

AL-FARSI, Afkar Nadhim Ali

BSc(Hons), PGDip, MSc

Thesis Title:

Radiological aspects of petroleum exploration and production in the Sultanate of Oman

Supervisors:

Adjunct Assoc. Prof. Riaz Akber (Principal)

Professor Lidia Morawska (Associate)

Citation:

This thesis is a study of naturally occurring radioactivity in the waste streams of large-scale onshore petroleum operations. Dr. Afkar AlFarsi has provided unique scientific knowledge about the distribution and variety of radionuclides, exhalation of radioactive gases and amount of gamma radiation from sources associated with the onshore oil and gas operations in the desert regions. Field work was conducted in the arid desert terrain of an operational oil exploration and production region in the Sultanate of Oman. The work was done in collaboration between Queensland University of Technology, Sultan Qaboos University, Muscat and Petroleum Development Oman.